



PTO/SB/08A (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

### Complete if Known

Application Number	10/661753
Filing Date	09/12/2003
First Named Inventor	Koegler III et al.
Art Unit	2655
Examiner Name	Not Yet Assigned

Attorney Docket Number 200310760-1

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
CL		US- US2002/030705	03-14-2002	Bradshaw et al.	
		US- US2004/141045	07-22-2004	Darwin Mitchel Hanks	
		US- US2003/133005	07-17-2003	Barry Bronson	
		US- US2003/156531	08-21-2003	Gary W. Ferguson	
		US- US6,041,703	03-28-2000	Salisbury et al.	
		US- US5,611,066	03-11-1997	Keele et al.	
↓		US- US5,646,920	07-08-1997	Walter Raczynski	
		US- US2003/161224	08-28-2003	Johnson et al.	
		US-			

### FOREIGN PATENT DOCUMENTS

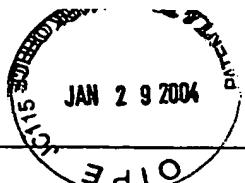
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> "Number" "Kind Code <sup>4</sup> (if known)				
CL		EP1,308,938	05-07-2003	Yamaha Corp.		
CL		WO98/09895	03-12-1998	Wea Mfg. Inc.		
CL		PCT/US2004/027822				
		Search Report	08-26-2004	Hewlett-Packard		

Examiner Signature	/Christopher Lamb/	Date Considered	04/19/2006
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## PATENT APPLICATION

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<p>3. <b>FORM PTO-1449</b></p> <p><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b></p> <p>• (Use several sheets if necessary)</p>	<p>O I P E</p>	<p>ATTY. DOCKET NO. <b>200310760-1</b></p>	<p>APPLICATION NO. <b>10/661,753</b></p>	<p>CONFIRMATION NO.</p>
		<p>APPLICANT <b>Koegler et al.</b></p>		
		<p>FILING DATE <b>09/12/2003</b></p>	<p>GROUP</p>	

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CL	1A	5,764,430	06-09-1998	Ottesen et al.	
	1B	4,027,217	05-31-1977	Harman	
	1C	5,745,457	04-28-1998	Hayashi et al.	
	1D	6,026,066	02-15-2000	Maezawa	
	1E	6,295,261	09-25-2001	Kim	
	1F	5,182,741	01-26-1993	Maeda et al.	
↓	1G	6,452,883	09-17-2002	Chan	
	1H	6,317,399	11-13-2001	Ohtani et al.	
	1I				
	1J				
	1K				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
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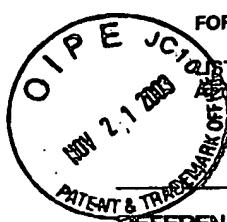
**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

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## PATENT APPLICATION

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FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
200310760-1	10/661,753	
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CL	1A	4,967,286	10/30/1990	Nomula et al.	
	1B	5,398,231	03/14/1995	Shin et al.	
	1C	5,498,509	03/12/1996	Shin et al	
	1D	5,608,717	03/04/1997	Ito et al.	
	1E	5,608,718	03/04/1997	Schiwee	
	1F	5,627,895	05/06/1997	Owaki	
	1G	5,675,570	10/07/1997	Ohira et al.	
	1H	5,688,173	11/18/1997	Kitahara et al.	
	1I	5,729,533	03/17/1998	Marquardt	
↓	1J	5,748,607	05/05/1998	Ohira et al.	
	1K	5,751,671	05/12/1998	Koike et al.	

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CL	1A	5,781,221	07/14/1998	Wen et al.	
	1B	5,766,495	06/16/1998	Parette	
	1C	5,846,131	12/08/1998	Kitahara	
	1D	5,875,156	02/23/1999	Ito et al.	
	1E	5,915,858	06/29/1999	Wen	
	1F	5,949,752	09/07/1999	Glynn et al.	
	1G	5,958,651	09/28/1999	Van Hoof et al.	
	1H	5,967,676	10/19/1999	Cutler et al.	
	1I	5,997,976	12/07/1999	Mueller et al.	
↓	1J	6,019,151	02/01/2000	Wen et al.	
	1K	6,034,930	03/07/2000	Kitahara	

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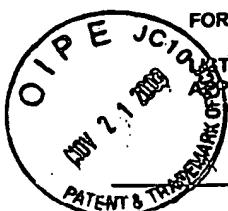
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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CL	1A	6,102,800	08/15/2000	Kitahara et al.	
	1B	6,104,677	08/15/2000	Kirihara et al.	
	1C	6,124,011	09/26/2000	Kern	
	1D	6,160,789	12/12/2000	Abraham	
	1E	6,202,550	03/20/2001	Lee et al.	
	1F	6,264,295	07/24/2001	Bradshaw et al.	
	1G	6,270,176	08/07/2001	Kahle	
	1H	6,384,929	05/07/2002	Miller	
	1I	6,386,667	05/14/2002	Cariffe	
↓	1J	6,403,191	06/11/2002	Casagrande	
	1K	6,440,248	08/27/2002	Mueller	

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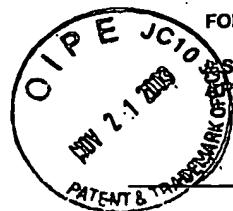
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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CL	1A 6,469,969	10/22/2002	Carson et al.	
CL	1B 6,074,031	06/13/2000	Kahle	
CL	2002/0191517	12/19/2002	Honda et al.	
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